

Images in cardio-thoracic surgery

Anatomic repair of a left main coronary artery aneurysm

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A 45-year-old male presented with acute anterior infarction. Coronary angiography revealed a 20 mm × 30 mm left main coronary artery (LMCA) aneurysm (Fig. 1). After separation of the pulmonary artery, anatomic recon-

struction of the LMCA using a Y-bifurcated vein graft segment was performed (Fig. 2). The LAD was additionally grafted with the left ITA.

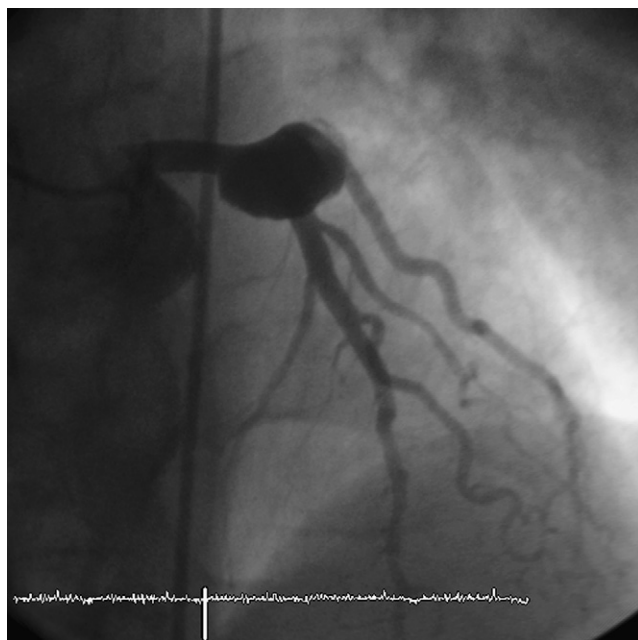


Fig. 1. Left main coronary artery with the LAD and the CX arteries originating from the huge aneurysm.

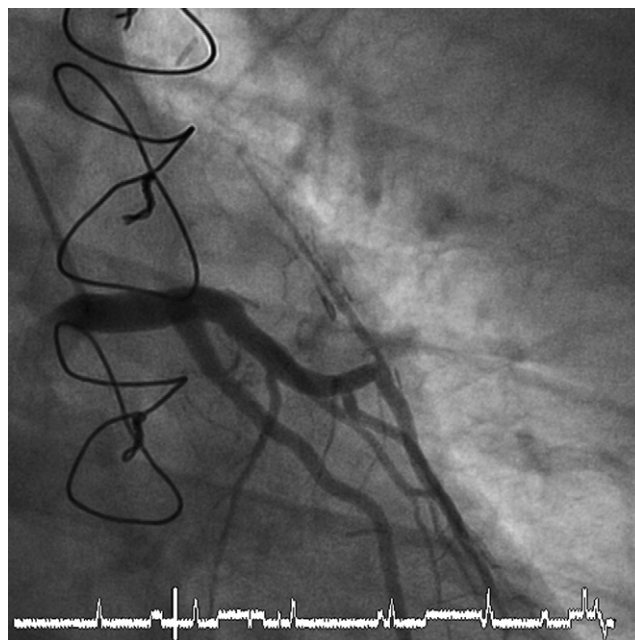


Fig. 2. Postoperative image after 6 months with reconstructed left main stem and still patent LITA to LAD.

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